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| APPLICANT FACSIMILE OF FORM PTO-1449<br>REV 7-80<br>U.S. DEPARTMENT OF<br>COMMERCE<br>PATENT AND TRADEMARK OFFICE | ATTY DOCKET NO<br><b>UVI-005CP2CN</b><br>APPLICANT<br><b>Funk, Walter D. et al.</b><br>FILING DATE<br><b>N vember 15, 1999</b> | SERIAL NO.<br><b>09/439740</b><br>GROUP<br><b>1653</b> |
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LIST OF PUBLICATIONS CITED BY APPLICANT  
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## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT<br>NUMBER | DATE  | NAME                      | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|----|--------------------|-------|---------------------------|-------|----------|-------------------------------|
| <i>EJB</i>          | A1 | 4,841,026          | 06/89 | Van Beveren <i>et al.</i> | 530   | 394      |                               |
| <i>W</i>            | A2 | 5,026,651          | 06/91 | Bowman <i>et al.</i>      | 435   | 320,1    |                               |

## FOREIGN PATENT DOCUMENTS

|            |    | DOCUMENT NUMBER | DATE  | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|------------|----|-----------------|-------|---------|-------|----------|-------------|----|
|            |    |                 |       |         |       |          | YES         | NO |
| <i>EJB</i> | A3 | EP 0 307 247    | 03/89 | EPO     |       |          |             |    |
| <i>W</i>   | A4 | EP 0 309 787    | 04/89 | EPO     |       |          |             |    |

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|            | A6  | Aldred, A. <i>et al.</i> , "Synthesis of Rat Transferrin in <i>Escherichia coli</i> Containing a Recombinant Bacteriophage," <i>Biochem. Biophys. Res. Commun.</i> , vol. 122, No. 3, pp. 960-965, Aug. 16, 1984.                                    |
|            | A7  | Baumstark, J.S. "A simple one-column procedure for the separation of swine and human serum transferrins," <i>J. Biochem. Biophys. Methods</i> . Vol. 14, No. 2: 59-70, Apr. 1987.  |
|            | A8  | Brown-Mason <i>et al.</i> "Physiological Levels of Binding . . ." <i>Journal of Biol. Chem.</i> , vol. 259, No. 3 pp. 1866-1873 Feb. 10, 1984.   |
|            | A9  | Clark-Lewis, I. <i>et al.</i> , "Automated Chemical Synthesis of a Protein Growth Factor for Hemopoietic Cells, Interleukin-3" <i>Science</i> , vol. 231, pp. 134-139, 1986.   |
|            | A10 | Day, C.L. <i>et al.</i> , "Studies of the N-terminal Half of Human Lactoferrin Produced from the Cloned cDNA Demonstrate That Interlobe Interactions Modulate Iron Release" <i>J. Bio. Chem.</i> , vol. 267, No. 20, pp. 13857-13862, Jul. 15, 1992. |
|            | A11 | Fischbach, K., "Expression of Chimeric Human Transferrin Genes <i>In Vitro</i> " <i>J. Neuroscience Res.</i> , vol. 27, pp. 633-641, 1990.   |
|            | A12 | Funk, W.D. <i>et al.</i> , "Expression of the Amino-Terminal Half-Molecule of Human Serum Transferrin in Cultured Cells and Characterization of the Recombinant Protein" <i>Biochemistry</i> , vol. 29, pp. 1654-1660, 1990.                         |
|            | A13 | Hershberger, C.L. <i>et al.</i> , "A Cloned Gene for Human Transferrin" <i>Annals New York Academy of Sciences</i> , vol. 646, pp. 140-154, 1991.  |
|            | A14 | Ill, C. <i>et al.</i> , "Species Specificity of Iron Delivery in Hybridomas" <i>In Vitro Cell. &amp; Devel. Biol.</i> , vol. 24, pp. 413-419, 1988.  |
|            | A15 | Ikeda, R. A. <i>et al.</i> , "Production of human serum transferrin in <i>Escherichia coli</i> " <i>Gene</i> , vol. 117, pp. 265-269, 1992.  |
| <i>W</i>   | A16 | Jeltsch <i>et al.</i> , "The Complete Nucleotide Sequence . . ." <i>Eur. J. Biochem.</i> , vol. 122 pp. 291-295, 1982.   |

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Funk, Walter D. et al.

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| B2  | MacGillivray, R.T.A. et al., "The Primary Structure of Human Serum Transferrin" <i>J. Biol. Chem.</i> , vol. 258, No. 6, pp. 3543-3553, Mar. 25, 1983.   |
| B3  | Mason, A.B. et al., "Efficient Production and Isolation of Recombinant Amino-Terminal Half-Molecule of Human Serum Transferrin from Baby Hamster Kidney Cells" <i>Protein Expression and Purification</i> , vol. 2, pp. 214-220, 1991.                               |
| B4  | Mason, A.B. et al., "Expression of Glycosylated and Nonglycosylated Human Transferrin in Mammalian Cells. Characterization of the Recombinant Proteins with Comparison to Three Commercially Available Transferrins" <i>Biochem.</i> , vol. 32, pp. 5472-5479, 1993. |
| B5  | McKnight, G.S. et al., "Expression of the Chicken Transferrin Gene in Transgenic Mice" <i>Cell</i> , vol. 34, pp. 335-341, Sep. 1983.  |
| B6  | Sigma Chemical Co., Catalog, p. 1177, Feb. 1986.   |
| B7  | Stowell, K.M. et al., "Expression of cloned human lactoferrin in baby-hamster kidney cells" <i>Biochem. J.</i> , vol. 276, pp. 349-355, 1991.  |
| B8  | Titeux, M. et al., "The Role of Iron in the Growth of Human Leukemic Cell Lines" <i>J. Cell. Physiol.</i> , vol. 121, pp. 251-256, 1984.   |
| B9  | Uzan, G. et al., "Molecular Cloning and Sequence Analysis of cDNA for Human Transferrin" <i>Biochem. Biophys. Res. Commun.</i> , vol. 119, No. 1, pp. 273-281, Feb. 29, 1984.  |
| B10 | Wang, Y. et al., "Preliminary Crystallographic Analyses of the N-terminal Lobe of Recombinant Human Serum Transferrin" <i>J. Mol. Biol.</i> , vol. 227, pp. 575-576, 1992.   |
| B11 | Woodworth, R.C. et al., "Expression and Initial Characterization of Five Site-Directed Mutants of the N-Terminal Half-Molecule of Human Transferrin" <i>Biochem. (Reprint)</i> , vol. 30, pp. 10824-10829, 1991.   |
| B12 | Woodworth, R.C. et al., "Recombinant Human Transferrin N-terminal Half-Molecule: Characterization and NMR Studies," <i>J. Cell Biochem Suppl.</i> ; vol. 13 Part A: 31, 1989.  |
| B13 | Woodworth, R.C. et al., "Recombinant Human Transferrin N-terminal Half-Molecule: Characterization of Selectively Deuterated and Mutated Proteins," <i>UCLA Symposium: The Inorganic Chemistry/Molecular Biology Interface</i> , Feb. 24-Mar. 1, 1990.                |
| B14 | Yang, F. et al., "Human transferrin: cDNA characterization and chromosomal localization" <i>Proc. Natl. Acad. Sci. USA</i> , vol. 81, pp. 2752-2756, May 1984.   |
| B15 | Zak, O. et al., (1985) "Preparation and properties of a single-sited fragment from the C-terminal domain of human transferrin", <i>Biochimica et Biophysica Acta</i> , vol. 829, pp. 348-353.  |
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Date Considered

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